

Saint Joseph's University

BS Physics Major - Secondary Education Curriculum Requirements (Students who entered Fall 2023 forward)

Name: _____

ID # _____

General Education Program (GEP)

Signature Core (19 credits)

Sem.		Course #
	First Year Seminar (XXX 150)	
	PHL 154 Moral Foundations	
	Theology Signature Core (THE 153, 154, or 155))	
	ENG 102 Texts and Contexts	
	HIS 154 Forging the Modern World	
	Faith and Reason (pre-reqs: THE154/155 & PHL 154)	
	INT 151 Inequality in American Society	

Variable Courses

	Art, Music/Theatre/Film, or Lit	
	MAT 161 Calculus I	
	Physics 105/105L University Physics w/Lab	
	Non-native Language	
	Non-Native Language I (GEP)	
	Social/Behavioral Science	
	PHL Anthropology (Pre-req: PHL 154)	
	Religious Difference (Rel/THE)	
	English 101: Craft of Language	

Integrative Learning Courses (3 courses)

	MAT 213 Calculus III	
	CHM 120/120L General Chemistry I + lab	
	CHM 125/125L General Chemistry II + lab	

Overlays

	Writing-Intensive (Pre-req: ENG 101)	
	Ethics-Intensive (pre-req: PHL 154)	
	Diversity/Global/Non-Western	
	Diversity (Class of 2025 forward only)	

Major Requirements (13 courses)

Sem.	
	MAT 162 Calculus II (SJU MAT 162)
	MAT 238 Differential Equations
	PHY II 106 & 106L University Physics II
	PHY 213 & 213L University Physics III
	PHY 251 Modern Physics
	PHY 301 Classical Mechanics
	PHY 307 Electricity and Magnetism
	PHY 308 Waves and Optics
	PHY 311 Experimental Methods of Physics I
	PHY 312 Experimental Methods of Physics II
	PHY 3-credit Elective, 300-level or higher
	PHY 3-credit Elective, 300-level or higher
	PHY 3-credit Elective, 300-level or higher
	EDU 150 Schools in Society w/ Field
	EDU 157 Adolescent Development w/Field
	EDU 230 Eval: Secondary Grades 7-12
	SPE 205 Inclusive Classrooms w/Field
	EDU 246 Language and Culture w/Field
	EDU 247 Literacy in Cont Areas w/Field
	SPE 160 Intro to Special Education
	EDU 418 Instr Techniq Science w/Field
	EDU 491 Secondary Student Teaching

**Students are required to enroll in PHY 390 (non-credit) Physics Seminar each semester*

Department of Physics Contact Information

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